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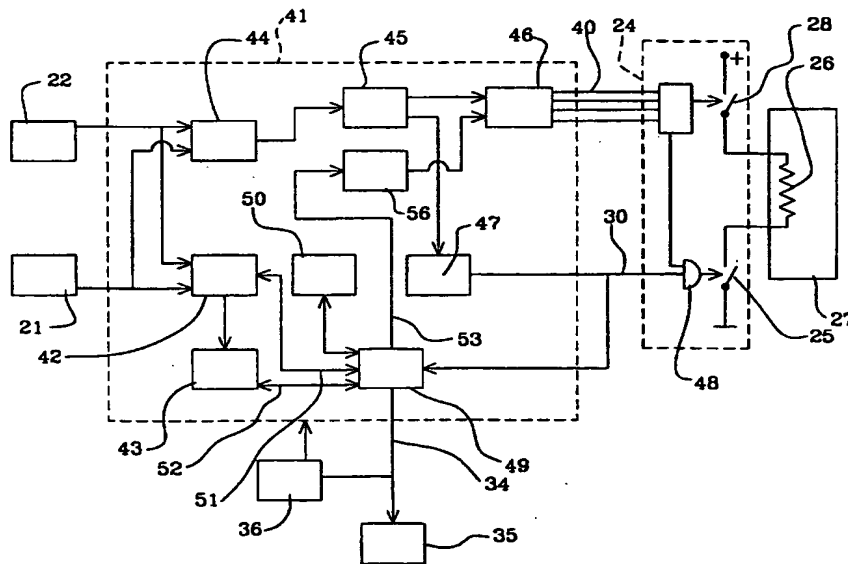
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(54) Title: **IMPROVEMENTS IN OR RELATING TO A VEHICLE SAFETY ARRANGEMENT**



(57) Abstract: A safety arrangement for a motor vehicle, comprises sensor (21, 22) to sense acceleration and a control system to control a triggering circuit (24) which is adapted to actuate or deploy a safety device in the form of an air-bag (27). The control system incorporates a processor (23) which has an input for activating a non-maskable interrupt (NMI) routine (31). An output (30) from the processor (23) which carries a command signal generated by the processor in response to a predetermined output from the sensors (21, 22) is connected to an input which activates the NMI routine (31). The routine is designed to determine whether there are hardware and/or software faults that may invalidate the command, and to interrupt actuation or deployment of the safety device if any such fault is detected.

WO 01/25057 A1